

Substitute for Form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(use as many sheets as necessary)



Sheet 1

of 3

Complete If Known

Application Number	09/844,857
Filing Date	04/26/2001
First Named Inventor:	J.J. Garcia-Luna Aceves
Art Unit	2154
Examiner Name	Siddiqi, Mohammad A.

Attorney Docket Number 5543P005

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
MAS	us-	6,249,801	B1	06-19-2001	Zisapel et al.	
MAS	us-	6,601,098	B1	07-29-2003	Case et al.	
MAS	us-	6,820,132	B1	11-16-2004	Puente et al.	
MAS	us-	7,162,539	B2	01-09-2007	Garcia-Luna-Aceves	
MAS	us-	2002/0163889	A1	11-07-2002	Yemini et al.	
MAS	us	2002/0026511	A1	02-28-2002	Garcia Luna Aceves	
MAS	us	2003/0101278	A1	05-23-2003	Garcia Luna Aceves	
MAS	us	2003/0200307	A1	10-23-2003	Raju et al.	
MAS	us	2003/0235155	A1	12-25-2003	Boivie et al.	
MAS	us	2003/0023750	A1	01-30-2003	Basturk	
MAS	us	2003/0091029	A1	05-15-2003	Jo et al.	

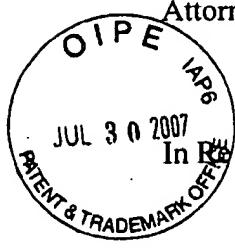
NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
MAS		DYKES, Sandra, et al. "An Empirical Evaluation of Client-side Server Selection Algorithms" IEEE Infocom, Vol. 3, March 2000, PP 1361-1370.	
MAS		LEVINE, BRIAN NEIL, et al. "Improving Internet Multicast with Routing Labels", 10 pages, University of California Computer Engineering Department, School of Engineering, Santa Cruz CA 95064 USA. Fifth IEEE International Conference on Network Protocols, Atlanta, GA, October 1997.	
MAS		LEVINE, BRIAN NEIL, et al. "New Routing Services for Internet Multicast", 17 pages. April 30, 1998. University of California Computer Engineering Department, School of Engineering, Santa Cruz CA 95064 USA.	
MAS		OGUCHI, Masato, et al. "A Proposal for a World-Wide Web Caching Proxy Mechanism" XP-000754599, Publication Date 01/10/1006, pp. 531-540, Institute of Industrial Science, University of Tokyo.	
MAS		SCHNEIER, Bruce "Applied Cryptography: Protocols, Algorithms, and Source Code in C" Second Edition, John Wiley & Sons, Inc. ISBN 0471-12845-7 pages 30-31, 34-44, 466-474, 483-502, Table of Contents, Errata section. Copyright 1996	
MAS		SMITH, BRADLEY R., et al. "Federated Networks Bootstrap Services", November 8, 1998, 2 pages. University of California Computer Engineering, Santa Cruz CA 95064.	
MAS		UNIVERSITY OF MANCHESTER 3 rd International WWW Caching Workshop, June 15-17, 1998, Submitted Papers Section. List of papers submitted so far for the workshop. 6 pages, downloaded 10/3/2001 from http://wwwcache.ja.net/events/workshop/papers.html	

Examiner Signature

Date Considered

08/02/07



Attorney Docket No. 5543.P005

Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Patent Application of:

J.J. Garcia-Luna-Aceves, et al.

Application No.: 09/844,857

Filed: 04/26/2001

For: SYSTEM AND METHOD FOR USING UNIFORM
RESOURCE LOCATORS TO MAP APPLICATION
LAYER CONTENT NAMES TO NETWORK
LAYER ANYCAST ADDRESSES

)
Examiner: Siddiqi, Mohammad A.
)
Art Unit: 2154

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

07/31/2007 ARHHADI 0000024 09844857

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Enclosed is a copy of Information Disclosure Citation Form PTO-1449 or PTO/SB/08 together with copies of the documents cited on that form, except for copies not required to be submitted (e.g., copies of U.S. patents and U.S. published patent applications need not be enclosed). It is respectfully requested that the cited documents be considered and that the enclosed copy of Information Disclosure Citation Form PTO-1449 or PTO/SB/08 be initialed by the Examiner to indicate such consideration and a copy thereof returned to applicant(s).

Pursuant to 37 C.F.R. § 1.97, the submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made and is not to be construed as an admission that the information cited in this statement is material to patentability.

Substitute for Form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
				Application Number	09/844,857
				Filing Date	April 26, 2001
				First Named Inventor:	J.J. Garcia-Luna-Aceves
				Art Unit	2154
				Examiner Name	Siddiqi, Mohammad A.
Sheet	2	of	3	Attorney Docket Number	5543P005
NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published			
MAS		Ari Luotonen, Henrik Frystyk Nielsen, and Tim Berners-Lee. Cern httpd. http://www.w3.org/Daemon , 2 pages, July 1996			
MAS		Alex Rousskov and Duane Wessels, "Cache digests," Proceedings 3rd International WWW Caching Workshop, Manchester, England. 19 pages. April 17, 1998			
MAS		Renu Tewari, Michael Dahlin, Harrick M. Vin, and Jonathan S. Kay, "Design considerations for distributed caching on the internet," Technical report, Department of Computer Sciences, University of Texas Austin, http://www.cs.utexas.edu/users/UTCS/techreports/ 14 pages. October 1998			
MAS		C. Hedrick, "Routing Information Protocol," XP002233127, Network Working Group, Request for Comments: 1058 28 pages. June 1998			
MAS		Paul Mockapetris, "Domain System Changes and Observations," Network Working Group, RFC 973 10 pages. January 1986			
MAS		W. Simpson, "IP in IP Tunneling," RFC 1853, 8 pages. October 1995			
MAS		K. Obraczka, et al., "A Tool for Massively Replicating Internet Archives: Design, Implementation, and Experience," Proceeding of the 16th International Conference on Distributed Computing Systems, Hong Kong, 8 pages. (May 27-30, 1996)			
MAS		John Jannotti, et al., "Overcast: Reliable Multicasting with an Overlay Network," Proceedings of OSDI, San Diego, CA 16 pages. (October 2000)			
MAS		Joe Touch, "Dynamic Internet Overlay Deployment and Management Using the X-Bone," Proceedings of IEEE ICNP, Osaka, Japan pages 59-68. (2000)			
MAS		J. Garcia-Luna-Aceves and M. Spohn, "Scalable Link-State Internet Routing," ICNP, Sixth International Conference on Network Protocols (ICNP'98), Austin, Texas, pp. 52-61, 10 pages. (October 14-16, 1998)			
MAS		P. Mochapetris, "Domain Names - Concepts and Facilities," RFC 1034 55 pages. (November 1987)			
MAS		P. Mochapetris, "Domain Names - Implementation and Specification," RFC 1035 45 pages. (November 1987)			
MAS		Stephen Kent and Randall Atkinson, "Security Architecture for the Internet Protocol," RFC 2401 66 pages. (November 1998)			
MAS		Y. Rekhter and T. Li, "A Border Gateway Protocol 4 (BGP-4)," Network Working Group, Request for Comments: 1771, 57 pages. (March 1995)			
Examiner Signature	<i>MAS Siddiqi</i>			Date Considered	04/02/01

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet	3	of	3	Attorney Docket Number	5543.P005
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Filing Date	April 26, 2001
First Named Inventor:	J.J. Garcia-Luna-Aceves
Art Unit	2154
Examiner Name	Siddiqi, Mohammad A.

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
MAS		J.D. Guyton and M.F. Schwartz, "Locating Nearby Copies of Replicated Internet Servers" Technical Report CU-CS-762-95, Department of Computer Science, University of Colorado-Boulder, 18 pages. February 1995.	
		A. Heddya and S. Mirdad, "WebWave: Globally Load Balanced Fully Distributed Caching of Hot Published Documents" Proceedings of IEEE 17 th International Conference on Distributed Computing Systems, Baltimore, Maryland. Pages 160-168 plus cover page plus Table of Contents (11 pages total) May 1997	
		V. Valloppillil and J. Cohen, "Hierarchical HTTP Routing Protocol", Internet Draft, http://www.nlanr.net/Cache/ICP/draft-vinod-icp-traffic-dist-00.txt 1 page. April 21, 1997	
		C. Parsa and J.J. Garcia-Luna-Aceves, "Improving TCP Congestion Control over Internets with Heterogeneous Transmission Media," Proc. IEEE ICNP '99, Toronto, Canada 9 pages. (October 31 to November 3, 1999)	
MAS		Craig Partridge, Trevor Mendez, and Walter Milliken, "Host Anycasting Service" Network Working Group, RFC 1546 9 pages. November 1993	

Examiner Signature	M.A. Siddiqi	Date Considered	08/02/07
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*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English Translation is attached.

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Application Number	09/844,857
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First Named Inventor:	J.J. Garcia-Luna-Aceves
Art Unit	2154
Examiner Name	Siddiqui, Mohammad A.

Sheet 1 of 1 Attorney Docket Number 5543P005

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
MAS		J.D. Guyton and M.F. Schwartz, "Locating Nearby Copies of Replicated Internet Servers," Technical Report CU-CS-762-95, Department of Computer Science, University of Colorado-Boulder, February 1995.	
		A. Heddya and S. Mirdad, "WebWave: Globally Load Balanced Fully Distributed Caching of Hot Published Documents," Proc. IEEE 17th International Conference on Distributed Computing Systems, Baltimore, Maryland, May 1997.	
		V. Valloppillil and J. Cohen, "Hierarchical HTTP Routing Protocol," Internet Draft, http://www.nlanr.net/Cache/ICP/draft-vinod-icp-traffic-dist-00.txt (April 21, 1997)	
		S. Gadde, M. Rabinovich, and J. Chase, "Reduce, reuse, recycle: An approach to building large Internet caches," in Proc. 6th Workshop Hot Topics in Operating Systems (HotOS-VI), Cape Cod, MA, May 1997, pp. 93-98.	
		C. Parsa and J.J. Garcia-Luna-Aceves, "Improving TCP Performance over Networks with Heterogeneous Transmission Media", Proc. IEEE ICNP 99 (1999)	
		Craig Partridge, Trevor Mendez, and Walter Milliken, "Host Anycasting Service," Network Working Group, RFC 1546 (November 1993)	
MAS		PCT Notification of Transmittal of the International Search Report or the Declaration for PCT Counterpart Application No. PCT/US01/13834, 6 pgs. (March 18, 2002)	

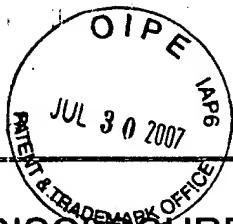
Examiner Signature	M. A. Siddiqui	Date Considered	08/02/02
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First Named Inventor:	J.J. Garcia-Luna-Aceves
Art Unit	2154
Examiner Name	Siddiqi, Mohammad A.
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<i>MAS</i>		J.J. GARCIA-LUNA-ACEVES, et al., "The Core-Assisted Mesh Protocol", IEEE Journal on Selected Areas in Communications, Vol. 17, No. 8, August 1999, pages 1380-1394.	

**Examiner
Signature**

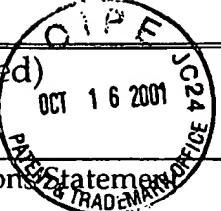
M. A. Held, Jr.

Date
Considered

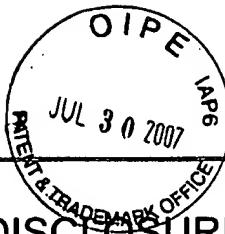
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Form PTO-1449 (Modified) 				Atty Docket No.:	Serial No.:			
				5543P005	09/844,857			
List of Patents and Publications <small>(Use several sheets if necessary)</small>				Applicants:				
				J.J. Garcia-Luna-Aceves				
				Filing Date:				
				April 26, 2001				
REFERENCE DESIGNATION				U.S. PATENT DOCUMENTS				
Exam. Initial		Date	Document Number	Name	Class	Sub-Class	Filing Date	
MAS		12/14/99	6,003,030	Kenner et al.				
MAS		1/30/01	6,182,224	Phillips et al.				
MAS		8/22/00	6,108,703	Leighton et al.				
MAS		4/18/00	6,052,718	Gifford				
FOREIGN PATENT DOCUMENTS								
No.		Document No.	Date	Country	Name	Class	Sub-Class	Trans-lation
OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)								
MAS		A. Chankunthod, P. Danzig, C. Neerdaels, M. Schwartz, and K. Worrell, "A Hierarchical Internet Object Cache," Proc. USENIX Technical Conference 96, San Diego, California, January 1996						
MAS		A. Duda and M.A. Sheldon, "Content Routing in Networks of WAIS Servers," Proc. IEEE 14th International Conference on Distributed Computing Systems, June 1994						
MAS		A. Duda and M.A. Sheldon, A. Duda, R. Weiss, J.W. O'Toole, Jr., and D.K. Gifford, "A Content Routing System for Distributed Information Servers," Proc. Fourth International Conference on Extending Database Technology, March 1994						
MAS		A. Heddya and S. Mirad, "WebWave: Globally Load Balanced Fully Distributed Caching of Hot Published Documents," Technical Report BU-CS-96-024, Boston University, Computer Science Department, October 1996						
MAS		P. Rodriguez, E.W. Biersack, and K.W. Ross, "Improving The Latency in The Web: Caching or Multicast?," Proc. Third WWW caching workshop, Manchester, UK, June 1998						
MAS		D. Karger, E. Lehman, T. Leighton, M. Levine, D. Lewin, and R. Panigraphy, "Consistent Hashing and Random Trees: Distributed Caching Protocols for Relieving Hot Spots on the World Wide Web," Proc. 29th ACM Symposium on Theory of Computing (STOC 97), El Paso, Texas, 1997						
MAS		D. Karger, Sherman A. Berkheimer, B. Bogstad, R. Dhanidina, K. Iwamoto, B. Kim, L. Matkins, and Y. Yerushalmi, "Web Caching with Consistent Hashing," Proc. 8th International World Wide Web Conference, Toronto, Canada, May 1999						
MAS		D. Small and W.W. Chu, "A Distributed Data Base Architecture for Data Processing in a Dynamic Environment," Proc. COMPCON 79 Spring 1979						

Examiner <i>MAS Dr. Dolan</i>	Date Considered <i>08/23/07</i>
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		5543P005	09/844,857

List of Patents and Publications <small>(Use several sheets if necessary)</small>	Applicants:	Technology Center 2100 OCT 19 2001 RECEIVED
	J.J. Garcia-Luna-Aceves	
	Filing Date: April 26, 2001	

REFERENCE DESIGNATION			U.S. PATENT DOCUMENTS			
Exam. Initial	Date	Document Number	Name	Class	Sub-Class	Filing Date
mAS	12/14/99	6,003,030	Kerner et al.			
	1/30/01	6,182,224	Phillips et al.			
	8/22/00	6,108,703	Leighton et al.			
MRS	4/18/00	6,052,718	Gifford			

FOREIGN PATENT DOCUMENTS

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	D. Karger, Sherman A. Berkheimer, B. Bogstad, R. Dhanidina, K. Iwamoto, B. Kim, L. Watkins, and Y. Yerushalmi, "Web Caching with Consistent Hashing," Proc. 8th International World Wide Web Conference, Toronto, Canada, May 1999
MRS	D. Small and W.W. Chu, "A Distributed Data Base Architecture for Data Processing in a Dynamic Environment," Proc. COMPCON 79 Spring

Examiner	m ASiddiqi	Date Considered	7/19/04
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